

plete his patent (which must be in time to seal it within six months from the date of application), advertisement to be made, and objections allowed to be filed. At the proper time, the law officer to inquire into the matter.

14. Law officer may order by and to whom costs of inquiry are to be paid.

15. Warrant of law officer and sealing of patent.

16. The royal prerogative saved.

17 and 18. One patent for the whole United Kingdom and colonies. Patent to be void if the payments at the end of the third and seventh years, as stated in the schedule, be not duly paid. Patent to be recorded in the Chancery of Scotland, and (by sect. 29) in the Chancery of Ireland.

19. Letters patent not to be issued after three months from date of warrant.

20. Not after the expiration of the six months' provisional or other protection.

21. Patent may be granted to personal representative of a deceased applicant during the term of said protection, or within three months after decease.

22. If letters patent be destroyed or lost, others may be issued.

23 and 24. Letters patent may be ante-dated by the Lord Chancellor, but not earlier than the date of application, and be good and valid.

25. Letters patent hereafter granted for "any invention first invented in a foreign country, or by the subject of any foreign power or state," not to continue in force after the expiration of the first foreign patent, and no patent granted after the expiration of any foreign patent to "be of any validity."

26. Foreign ships to be allowed to use a British patented invention on board thereof only, provided the foreign state to which such ships belong allows British subjects to use inventions patented there, on board British ships staying within the jurisdiction thereof.

27, 28, and 29. As to filing of specifications, &c. Copies of specifications to be open to public inspection at offices in London, Edinburgh, and Dublin.

30. All specifications, &c. to be printed by commissioners and sold to the public. Printed copies to be evidence. (34.)

31. Old specifications to be collected in the new office for filing specifications, &c.

32 and 33. Indexes of all specifications, &c. to be made and kept open to the public, &c.

34, 35, 36, 37, and 38. As to the registers and books of the Patent-office. Registration of transfer of proprietorship. Proprietorship of patent not to be limited to twelve persons, &c.

39 and 40. As to disclaimers, confirmation of patents, &c. The law to remain as now. Process to be subject to the commissioners' direction, &c.

41. In actions for infringement, and *scire facias*, particulars of objections to letter patent to be delivered before trial, &c.

42. Common law courts rendered competent to grant injunctions.

43. As to costs of lawsuits.

44, 45, and 46. Grant the Crown the stamp-duties, fees, &c. mentioned in the schedule.

47. Extra fees to law officers in regard to oppositions, &c.

48, 49, 50, and 51. Treasury to allow the fees and salaries to officers, clerks, &c. and pay the same. Accounts to be laid before Parliament. Compensation given to old officers.

52. Letters patent in progress before the passing of the Act may proceed under the old law.

53. An old patent right for England, Scotland, or Ireland, may, under certain circumstances, be extended to any one of the three kingdoms not covered by it, at one-third of the amount of fees on the schedule.

54, 55, and 56. Formal clauses.

57. Act to come into operation on Oct. 1, 1852.

**Schedule of Fees, &c.**—On leaving petition for grant of letters patent, 5*l.*; on leaving notice to proceed with application, 5*l.*; on sealing of letters patent, 5*l.*; on filing specification, 5*l.*; at or before the expiration of the third year, 40*l.*; at or before the expiration of the seventh

year, 80*l.*; on leaving notice of objection, 2*l.*; every search and inspection, 1*l.*; entry of assignment or licence, 5*l.*; certificate of assignment or licence, 5*l.*; filing application for disclaimer, 5*l.*; caveat against disclaimer, 2*l.*

**Stamp Duties to be paid.**—On warrant of law officer for letters patent, 5*l.*; on certificate of payment of fee, payable at or before the expiration of third year, 10*l.*; on certificate of payment of fee, payable at or before the expiration of seventh year, 20*l.*

### Notices of Books.

*The History of the Painters of all Nations.* John Cassell, Ludgate-hill. Part I.

This is the first part of a translation by Mr. Peter Herlyn of M. Charles Blanc's work, which is to be continued monthly, under the editorship of Mr. M. Digby Wyatt. Each part is to be complete in itself. This contains a complete biography of Murillo, illustrated by eight large and two smaller engravings from his more celebrated productions. It is well printed, singularly cheap, and may be made a valuable popular guide, bringing into view not only the life of the artist, but his works. We must confess, however, that we are not satisfied that the first part justifies a title-page with four names upon it. Some of the wood-engravings are merely caricatures, and the style of the writing is, we are sure, more inflated and artificial than Mr. Wyatt can approve. Take, for example Mr. Blanc's first sentence:—"With Murillo we are about to take a view of creation, and to soar through the universe, not only as it was fashioned by the Creator, but such as the imagination of man has peopled it beyond its outward and visible form."

The intention of the work is excellent, and we hope to see it satisfactorily carried out.

*Report on Excavations made on the Site of the Roman Castrum at Lynne, Kent, in 1850.* Published for the Subscribers. By CHAS. R. SMITH, F.S.A.

UNDER this title Mr. Roach Smith has furnished a copious description, with numerous illustrations, of the excavations carried on in 1850 under the direction of Mr. J. Elliott, jun. and himself, which were mentioned by us during the time of their progress. The whole cost of the proceedings has been but 138*l.* and the subscribers must feel that their money has been very satisfactorily expended. The volume will hand down with credit the names of all who gave their aid to a worthy investigation. It further contains notes on the original plan of the castrum, and on the ancient state of the Romney marshes, by Mr. Elliott.—Messrs. Smith and Lower propose to do with Perensy what has been done with Lynne.

*Lectures on Gold: for the Instruction of Emigrants about to proceed to Australia.* By J. B. JUKES, M.A. F.G.S.; EDWARD FORBES, F.R.S.; LYON PLAYFAIR, C.B. F.R.S.; W. W. SMYTH, M.A. F.G.S.; JOHN PERCY, M.D. F.R.S.; and R. HUNT, Keeper of Mining Records: delivered at the Museum of Practical Geology. Bogue, Fleet-street, London, 1852.

To this useful series of lectures we have already more than once alluded, and we are glad now to see them in a more permanent and public form. They cannot but be of use to many who meditate emigration to the Australian gold diggings not knowing "fool's gold" from the genuine article, and mistaking "all for gold that glitters," as but too many in more senses than one do.

*Cyclopædia of Useful Arts, Mechanical and Chemical, Manufactures, Mining, and Engineering.* Illustrated with several hundred Engravings. Edited by CHARLES TOMLINSON. Parts XIX. and XX. George Virtue, London and New York.

We have had repeated occasion to speak favourably of this book: it still sustains its character, and is evidently an honest as well as an able work. The principal articles in the present instalments of it are on gas-lighting, gilding,

glass, gold, graduation, granite, gravity, grinding and polishing, &c. There is also a portion of the preliminary treatise, treating of animal substances, chemical and pharmaceutical processes and products, machinery and machine tools, planing machines, cotton machinery, &c.

### Miscellaneous.

**THE LATE MR. JOHN SMITH, ARCHITECT, OF ABERDEEN.**—Mr. John Smith, of Aberdeen, died a few days ago in the 72nd year of his age. Mr. Smith was born in Aberdeen in the year 1781. About the year 1805, Mr. Smith commenced business, when he gave proof of his skill by planning and executing the town residence of the late Peter Milne, esq. of Crimonmogate, now the property of Sir Alexander Bannerman, bart. Mr. Smith's ability soon recommended him to a rapidly increasing practice; and the civic authorities of the day appointed him city architect and superintendent of public works, an office of which he regularly discharged the multifarious duties with ability and fidelity to the period of his decease. In his capacity of city architect, Mr. Smith completed the first correct survey of Aberdeen, in 1810, which was published in that year. Among the various public works in Aberdeen, the following are due to Mr. Smith:—The North, South, and St. Clement's Churches—the façade in front of St. Nicholas Churchyard—Dr. Hamilton's Monument—Gordon's Hospital—the Public Schools in Belmont-street—the Advocates' Hall—the new front of the Tolbooth, a beautiful specimen of the Baronial Gothic—the new Gaol and Court House—the extension of the Bridge of Dee—the additions to King's College—the Record Office, &c. Besides a great many residences in the city and its immediate vicinity, the following country mansions claim him as their architect:—Slains Castle, Auchmar, Cluny Castle, Strichen House, Dunrobin House, Pitfour House, Manar, Pseudo House, Raemoir, Lairney, Fintray House, Aden, Forglie House, Dunlugas, Whitehough, Easter Skees, Candacraig, Banchory House, Menie, Drumside, Craigellie, Kirkville, extensive additions to Haddo House, Buchan Ness Lodge, Balmoral, now the residence of her Majesty, &c. &c. besides a great many churches and manses throughout the country.

**MODEL DWELLING-HOUSES.**—A site of land at the back of the brewery in Broad-street, Golden-square, Westminster, bounded by New-street, Hopkin's-street, and Hushand-street, has been taken by the General Society for Improving the Dwellings of the Working Classes (Lord Viscount Ingestre, president), and the same has been cleared of the old and dilapidated buildings, long the haunt of the lowest and most vicious of the London poor. It is intended by the Society to erect at once on this site, under the superintendence of their architect, Mr. Lee, eight double houses, each to contain accommodation, consisting of a sitting-room, two bed-rooms, and other conveniences for eight families, or for sixty-four families in the whole. This arrangement it is hoped will, besides giving good accommodation to the families housed, produce improvement and change for the better in the character of the locality, which is one of the worst in that part of the metropolis. The expenditure is proposed to be about 7,000*l.* independent of the ground, and a return of about 7 per cent. is looked for.

**PRESTON THEATRE.—RATHER WIDE!**—The following tenders are for the boarding over the pit of the Theatre Royal, Preston, and fitting up nine tables in the same place for the purpose of holding a Conservative dinner:—

T. Conlthurst .....	£25	0	0
J. Bamber .....	25	0	0
J. Brown .....	15	0	0
G. Gillett .....	12	0	0
J. Walmsley .....	10	10	0
J. Gardner .....	8	8	0
T. Ladymoor .....	4	15	0

Such ridiculous estimates as these do injury to the trade in general, by destroying the confidence of the public.—A FRIEND TO THE TRADE.